



CONSTRUCTION EQUIPMENT

SPM581543 VOLVO L35G 3424264 - REAR AXLE



Sample No: VCP399656
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM581543



SAMPLE INFORMATION

Sample Number	VCP399656	VCP361053	---	---
Sample Date	04 Aug 2023	26 Apr 2022	---	---
Machine Hours	1373	704	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
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Contact: DAVE ENG
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F:



OIL CONDITION

Visc @ 40°C	cSt	189	■ 192	---	---
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CONTAMINATION

Silicon	ppm	■ 30	■ 19	---	---
Sodium	ppm	■ 4	■ 4	---	---
Potassium	ppm	■ <1	■ 0	---	---



WEAR METALS

Iron	ppm	■ 74	■ 54	---	---
Copper	ppm	■ 2	■ <1	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ <1	---	---
Aluminum	ppm	■ 0	■ <1	---	---
Chromium	ppm	■ 2	■ 1	---	---
Molybdenum	ppm	■ <1	■ <1	---	---
Nickel	ppm	■ <1	■ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 9	■ 8	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 37	■ 33	---	---
Magnesium	ppm	■ 2	■ 4	---	---
Zinc	ppm	■ 66	■ 40	---	---
Phosphorus	ppm	■ 2377	■ 2374	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 3	■ 2	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8885
Unique No: 10616402
Signed: Don Baldrige
Report Date: 23 Aug 2023



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GRAPHS

